Single Stock Fund Middleware

Version Description Document

Implementation Release

MWN-610-1-A

20 October 2006

Prepared by:

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1.   SCOPE

1.1   Identification

This is the AT&T Government Solutions *Version Description Document (VDD)* for the Single Stock Fund (SSF) .NET (MWN) Middleware (MW) Implementation Release MWN-610-1-A. The SSF MWN MW is an unclassified software product designed for the Microsoft Windows 2003 architecture and composed of commercial off-the-shelf (COTS) software and developed Middleware software.

1.2   System Summary

Single Stock Fund MW is a software and hardware platform that allows legacy Army wholesale and retail automated data processing systems to interact within an integrated architecture.

1.3   Document Overview

This Version Description Document contains information specific to the changes incorporated in this SSF MW release:

- **Section 1** provides the system release identification, a summary of the Middleware system, and an overview of this document
- **Section 2** records the inventory, distribution method, and incorporated changes contained in this release
- **Section 3** details the installation instructions and post-installation verification checklists
- **Section 4** describes new functionality and known issues specific to this release, receipt notification information, and a list of reference documents

2.   VERSION DESCRIPTION

2.1   Inventory of Materials Released

The software and instructions contained in this release have been validated and approved for implementation by the SSF Middleware Test Manager.

- MWN-610-1-A.zip*:* Implementation Release archive dated 20 October 2006
- MWN-610-1-A.*pdf:* Version Description Document dated 20 October 2006

2.2   Version List of SSF Middleware Software Items

The Middleware Implementation Release archive contains the following software items (as listed with new version and time/date stamp information):

003.000.010.22707   10-20-2006 13:39:14.000   MWProc.dll

---.---.---.----   10-20-2006 13:39:14.000   MWProc.pdb

2.3   Distribution of Release

This Implementation Release will be provided directly to applicable sites by the Middleware Operations Manager. Both the zip and VDD (in PDF format) are available for this release.

2.4   Change Requests (CRs)

This release implements fixes for the following SSF Middleware CCB-approved Change Requests (related Problem Reports (PR) or Trouble Tickets (TT) noted if applicable).

- 2686
- 2687

- 2688
- 2689

- 2690

CR #	MS	Related PR/TT	Status	Release ID	Release Date
2686	MWN	Per D. Webb - 10/16 Conference	RELEASED	MWN-610-1-A	20-Oct-06

Title: **MW ZZ: MW should suppress the HST File output to FCM in MW ZZ**

CR Class: 1: New Requirement

SME: B. Amos   **Fast Track Date:** 10/16/2006 1:26:52PM

Opened: 10/13/06   **Priority:** 1   **Comment:**

Description:

MW creates a HST File that goes to FCM when there is an input file in the OSC, S9B and 080 Proc. The file includes all input transactions, output transactions and analyzer data for the original input file. The interface has not been created by FCM that will post all of this data for access by Army users.

Justification:

The HST data is taking up processing time for FCM by accepting this data and posting it to their tables.   This in turn takes up commo time, CPU processing time and unnecessary resources while attempting to process financial transactions.

Resolution:

The FCMConfig table has been updated to allow suppression of the HST (History) file bound for Funds Control

CR #	MS	Related PR/TT	Status	Release ID	Release Date
2687	MWN	Per D. Webb - 10/16 Teleconference	RELEASED	MWN-610-1-A	20-Oct-06

Title: **MW ZZ: Suppress the FCI file from SARSS DODAAC to FCM at this time in MW ZZ**

CR Class: 1: New Requirement

SME: B. Amos

Fast Track Date: 10/16/2006 1:26:20PM

Opened: 10/16/06   **Priority:** 2   **Comment:**

Description:

When MW processes the SARSS F91 for SARSS individual DODAAC adds or changes, an FCI file/data is created by MW and sent to FCM for updating the FC DODAAC table. This process has not been implemented into FCM yet, but a requirement exist. The problem is that if FCM receives this FCI file and processes it, any DODAACs not on this file will be deleted and any corresponding DoJoCon records. This will cause FCM to not be able to process incoming transactions and these the DODAAC table will have to be re-established and the DoJoCons for ALL eligible DODAACs will have to be rebuilt and or reloaded depending on how FCM backups these tables.

When MW processes the interactive update from SARSS (F91) for a partial DODAAC update, MW updates it's own SSFDODAAC table and a FCI file is created for FCM.

Justification:

The FCM DODAAC table and related DoJoCon table records can be deleted causing transactions not to process and create unnecessary recycling of transactions until these tables have been rebuilt.

Resolution:

The FCMConfig table has been updated to allow suppression of the FCI (Interim DODAAC update) file bound for Funds Control.

CR # 2688	MS MWN	Related PR/TT FCIP 1.4	Status RELEASED	Release ID MWN-610-1-A	Release Date 20-Oct-06

Title: **MW 76: Initiate an Index 76 History Processing in MW 76**

CR Class: 1: New Requirement

SME: B. Amos   **Fast Track Date:** 10/19/2006   1:58:46PM

Opened: 10/19/06   **Priority:**   2   **Comment:**

Description:

MW stores all of the processing history. There is a need to transfer the data from MW to FCM to provide a worldwide view.
This process can also be turned off as requested in CR 2686.

Justification:

This allows 'One Stop Shopping' for logistics and finance.

Resolution:

CR #	MS	Related PR/TT	Status	Release ID	Release Date
2689	MWN	FCIP 1.4	RELEASED	MWN-610-1-A	20-Oct-06

Title: **MW ZZ: Update the SSF DODAAC Table and create the FCI Web Call in MW ZZ**

CR Class: 1: New Requirement

SME: B. Amos

Fast Track Date: 10/19/2006 1:57:51PM

Opened: 10/19/06 **Priority:** 2 **Comment:**

Description:

MW and Funds Control needs to have the latest data from SARSS on any DODAAC changes. Resource Managers change fin_wrk_cntr and this information is necessary in FC to ensure a FADR is built if not there already and if there, when the customer submits a request (obligation), it is decremented from the correct funds.

MW will receive a new input file from SARSS 2AC/B called the AJUF91. This file may contain numerous DICs associated with adding, changing or deleting DODAACs on the CTASC, to include customers, SARSS-1, wholesale, and OMA DS/RX SARSS-1s. MW needs to update the MW SSF DODAAC table and pass the corresponding relevant data to FC. Transaction DIC(s) are: TA1, TA3, TA4, YE5, YE6, YE7, YE8, YE9, and YEA. They are 91 Characters in length. This process can be suppressed as requested in CR 2687.

Justification:

The Resource Manager needs the most current data available to make financial decisions which would include the FAS/FPC data element and fin_wrk_cnt when it comes to obligating money or receiving credit.

Resolution:

CR #	MS	Related PR/TT	Status	Release ID	Release Date
2690	MWN	NA (Per process testing)	RELEASED	MWN-610-1-A	20-Oct-06

Title: **MW ZZ: Stop the FTPProc abort when the output filename is malformed in MW ZZ**

CR Class: 2: Defect Correction

  SME: A. Patel   **Fast Track Date:** 10/20/2006 2:00:07PM

  Opened: 10/19/06   **Priority:** 2   **Comment:**

Description:

The FTPProc aborts when the log/output filenames are malformed. The naming convention must have the following convention: 3 char alphanumeric value followed by the source system's 2b RIC followed by a 12 digit (numeric) value, e.g. FTPWJV101806120000. Common/shared components rely on this convention for processing and filetransfers.

Justification:

Failed processes will leave holes in the data that resides on the Vienna ftp server used by the functional analysts for research.

Resolution:

MW logic modified to change the string formatting function for the current date/time from VB compatible to native VB.NET.

3.   INSTALLATION INFORMATION

Previously distributed SSF Middleware Implementation Release packages should be installed and reported as directed in Section 4.3 prior to installation of this release.

3.1   Installation Adaptation

There is no site-specific data associated with this release.

3.2   Pre-Installation Instruction Checklist

3.2.1   Export the SSF registry by doing the following steps.

1. Go to **START\RUN** to display the RUN box
2. Type **REGEDIT** and click the **OK** button
3. The **REGISTRY EDITOR** screen will be displayed. Navigate to **HKEY_LOCAL_MACHINE\SOFTWARE\SSF** and click on the SSF folder
4. At the top of the **REGISTRY EDITOR** screen, click **REGISTRY** then select **EXPORT REGISTRY FILE**
5. The **EXPORT REGISTRY FILE** box will open. Check the lower left-hand corner of the **EXPORT REGISTRY FILE** box and make sure the **SELECTED BRANCH** option is selected and **HKEY_LOCAL_MACHINE\SOFTWARE\SSF** is displayed
6. Type in a files name for the SSF registry export and navigate to the location the file is to be saved
7. In the **SAVE AS TYPE** area, make sure the file type is **REGISTRATION FILES**.
8. Click the **SAVE** button

3.2.2   Copy your current SSF/BIN directory to a separate location on the D drive.

3.2.3   SCP Downloading Instructions

1. On Node 1 (Active Node), ensure the folder **D:\NewReleases** exists and is empty. If not, create the folder.
2. Download the current release from the FTP server (ftp://192.86.226.108/MWN-610-1-A) to your local desktop.
3. Copy the release from your desktop to **D:\NewReleases\MWN-610-1-A** folder on Node 1 (or whichever Node controls the resources).You may have to create this folder.

3.2.4   Extract MWN-610-1-A

1. Navigate to the **D:\NewReleases\MWN-610-1-A** folder. Extract the contents. Two additional folders will be created: Install & BIN

3.2.5   Overwrite BIN

1. Navigate to the **D:\NewReleases\MWN-610-1-A\BIN** folder. Copy all files from the **D:\NewReleasesMWN-610-1-A\BIN** folder to the X:\SSF\BIN directory.
2. When prompt to overwrite, select YES or YES TO ALL.

3.2.6   Create Directory Structure

1. Navigate to the **D:\NewReleases\MWN-610-1-A\INSTALL** folder.
2. Double click on CreateDirectory.cmd

3.2.7   Run SQL Scripts

1. Start Query Analyzer. Open **D:\NewReleases\MWN-610-1-A\INSTALL\ MWN-610-1-A-SSF.sql**. Select the SSF database from the drop down menu.
2. Run the query.
3. Open **D:\NewReleases\MWN-610-1-A\INSTALL\ MWN-610-1-A-RIC.sql**. Select the SSF_RIC database from the drop down menu.
4. Run the query.

3.3   Post-Installation Instruction Checklist

3.3.1   MWN-610-1-A Middleware Baseline Files

```
003.000.010.24935    10-05-2006 14:52:08.000 ABFProc.exe
---.---.---.----      10-05-2006 14:52:06.000 ABFProc.pdb
007.010.3077.0000     03-19-2003 05:49:54.000 adodb.dll
003.010.000.0000      10-05-2006 16:23:36.000 ANZProc.exe
003.000.010.25048     10-05-2006 14:54:58.000 AWGProc.exe
---.---.---.----      10-05-2006 14:54:58.000 AWGProc.pdb
003.000.010.25080     10-05-2006 14:56:02.000 CATProc.exe
---.---.---.----      10-05-2006 14:56:02.000 CATProc.pdb
003.000.010.25125     10-05-2006 14:57:44.000 CTASCIO.exe
---.---.---.----      10-05-2006 14:57:44.000 CTASCIO.pdb
2000.080.760.0000     12-17-2002 17:23:52.000 custtask.dll
003.000.010.25143     10-05-2006 14:58:10.000 DACProc.exe
---.---.---.----      10-05-2006 14:58:10.000 DACProc.pdb
2000.080.760.0000     12-17-2002 17:23:58.000 dtspkg.dll
2000.080.760.0000     12-17-2002 17:23:58.000 dtspump.dll
003.000.010.25160     10-05-2006 14:58:42.000 F09Proc.exe
---.---.---.----      10-05-2006 14:58:42.000 F09Proc.pdb
003.000.010.25276     10-05-2006 15:02:36.000 F91Proc.exe
---.---.---.----      10-05-2006 15:02:36.000 F91Proc.pdb
003.000.010.25298     10-05-2006 15:03:18.000 FCMProc.exe
---.---.---.----      10-05-2006 15:03:18.000 FCMProc.pdb
003.000.010.25318     10-05-2006 15:03:58.000 FEDProc.exe
---.---.---.----      10-05-2006 15:03:58.000 FEDProc.pdb
003.000.010.25350     10-05-2006 15:05:02.000 FTPOut.exe
---.---.---.----      10-05-2006 15:05:02.000 FTPOut.pdb
003.000.010.25363     10-05-2006 15:05:28.000 FTPProc.exe
---.---.---.----      10-05-2006 15:05:28.000 FTPProc.pdb
003.000.010.25382     10-05-2006 15:06:08.000 HSTProc.exe
---.---.---.----      10-05-2006 15:06:08.000 HSTProc.pdb
002.000.000.0000      12-17-2002 17:23:58.000 Interop.DTS.dll
001.000.000.0000      12-17-2002 17:23:52.000 Interop.DTSCustTasks.dll
002.000.000.0000      12-17-2002 17:23:58.000 Interop.DTSPump.dll
007.000.9466.0000     06-12-2003 18:41:22.000 Microsoft.StdFormat.dll
007.010.3077.0000     03-19-2003 05:53:22.000 Microsoft.VisualBasic.Compatibility.Data.dll
007.010.3077.0000     03-19-2003 05:53:24.000 Microsoft.VisualBasic.Compatibility.dll
007.000.9466.0000     06-12-2003 18:41:22.000 MSDATASRC.dll
003.000.010.25400     10-05-2006 15:06:54.000 MWFCM.dll
---.---.---.----      10-05-2006 15:06:54.000 MWFCM.pdb
```

003.000.010.22707	10-20-2006 13:39:14.000	MWProc.dll
---.---.---.----	10-20-2006 13:39:14.000	MWProc.pdb
000.000.000.0001	01-12-2006 12:11:58.000	NZipLib.dll
003.000.010.27314	10-05-2006 16:10:32.000	O80Proc.exe
---.---.---.----	10-05-2006 16:10:32.000	O80Proc.pdb
003.000.010.27329	10-05-2006 16:11:02.000	OMAProc.exe
---.---.---.----	10-05-2006 16:11:02.000	OMAProc.pdb
003.000.010.27342	10-05-2006 16:11:28.000	OSCProc.exe
---.---.---.----	10-05-2006 16:11:28.000	OSCProc.pdb
003.000.010.27379	10-05-2006 16:13:36.000	PrjProc.exe
---.---.---.----	10-05-2006 16:13:36.000	PrjProc.pdb
003.000.010.16188	10-10-2006 11:41:58.000	ProcPanel.dll
---.---.---.----	10-10-2006 11:41:58.000	ProcPanel.pdb
003.000.010.27438	10-05-2006 16:14:38.000	S9BProc.exe
---.---.---.----	10-05-2006 16:14:38.000	S9BProc.pdb
003.000.010.16191	10-10-2006 11:42:00.000	Scheduler.exe
---.---.---.----	12-28-2005 16:00:16.000	Scheduler.exe.manifest
---.---.---.----	10-10-2006 11:42:00.000	Scheduler.pdb
---.---.---.----	12-19-2002 16:44:00.000	SSFVer.exe
007.000.9466.0000	06-12-2003 18:29:02.000	stdole.dll

3.3.2   Post Installation Audit Checklist

Follow the instructions below to audit the installation of this release:

1. Open an MS-DOS window
2. Set the current working directory to X:\SSF\bin
3. Enter: "ssfver –d" to display a version listing of executables in the current directory
4. Verify that the MW proc version numbers listed by the 'ssfver' command are identical to those listed in Section 2.2
5. Run the SPLevel.bat program and email the results to Chuck Sears per Section 4.3.

3.4   Additional Instructions

There are no additional instructions.

4.   NOTES

4.1   New Functionality

This release does not contain new functionality requiring Systems Administration interaction. New Middleware transactional processing functionality is described in Section 2.4.

4.2   Known Issues and Workarounds

There are no known issues or workarounds associated with this release.

4.3   Implementation Notification

Implementation of this release must be reported via the Middleware Tracking website (http://192.86.226.111//portal/login.asp) and e-mail (*) to the following:

Mr. Robert Spee
Middleware Operations Manager
Robert.Spee@us.army.mil
1. 256.955.9980

Mr. Joe Turner
Configuration Manager
jturner@grci.com
1.703.506.5282

To report this release on the Middleware Tracking site do the following:
1. Login
2. From the top menu select **Reports/SCPs/Enter SCP**
3. Enter the SCP number and Implementation date
4. Note any installation problems issues in the **Implementation Issues** area
5. After updating the SCP information check Submit.
6. You will be prompted for a new SPLevel file for each Node. Copy and paste your new SPLevel files in the area provided and click **Submit**

(*) If e-mail capability is unavailable, please make implementation notifications using the above telephone numbers. Include the following information:

1. Middleware Release Implemented
2. Implementation Date
3. Implementation Site Name
4. Address
5. Telephone
6. Implementation Point of Contact Name
7. Telephone
8. E-mail address
9. Implementation Issues

4.4   Reference Documents

The following AT&T Government Solutions documents provide further explanation of the SSF Middleware system:

- SSF Middleware End Users Manual (EUM)
- SSF Middleware Detailed Functional Descriptions (DFD)

Contact the SSF Middleware Site Operations Manager (see 4.3) for information on these documents.